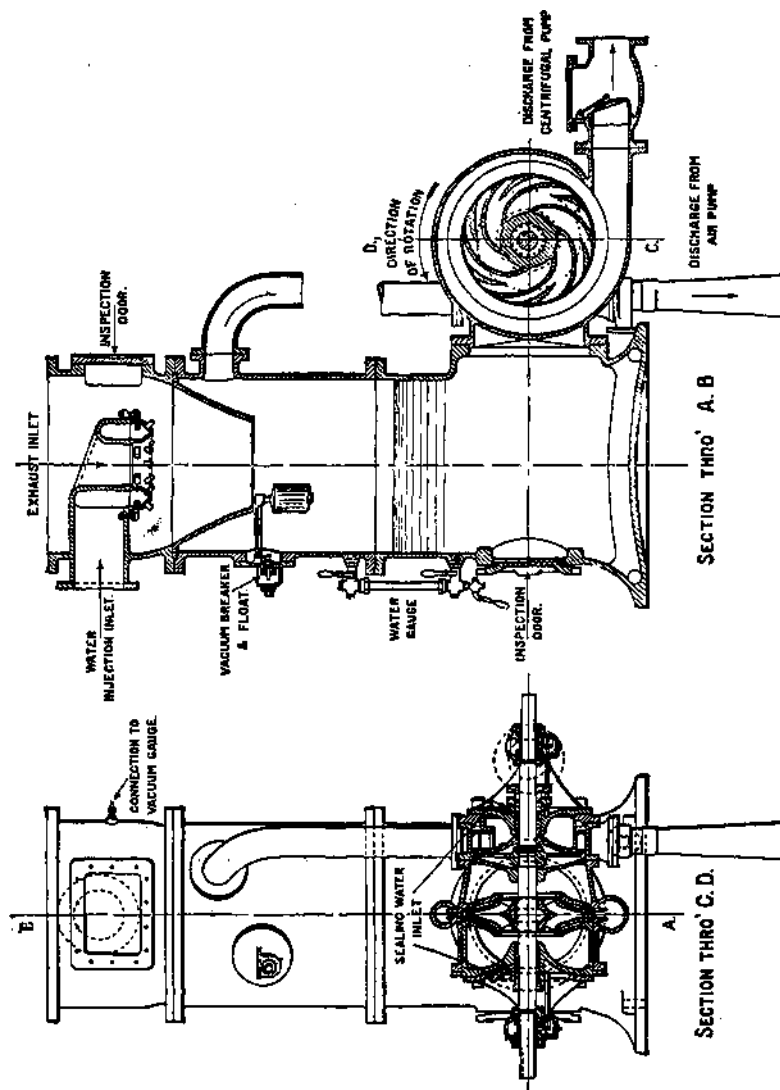


CONDENSERS AND COOLING TOWERS

gases. This air is drawn from the condenser from under the cone by means of a rotary air-pump, and on the same spindle is a centrifugal pump for extracting the injection water, the spindle being driven either by an electric motor or a small steam turbine.



"3
1
(2

One arrangement of the counter-current jet condenser as made by The Mirrlees Watson Co., Ltd., is shown in section in fig. 2, where there are fitted three distributing trays perforated with elongated holes about $\frac{1}{8}$ in. by $\frac{1}{2}$ in., which serve to break up and distribute the condensing or injection water, and at the same time allow the use of fairly dirty water. If the injection water is very dirty the holes are dispensed with, and the trays are